| 82 Regis   | PCT/PTO                   | 0    | 8 3 | SE | P | 1997 |
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FORM PTO-1390 (REV 10-96) TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

171-583P

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

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| INTERNA   | ATIONAL APPLICATION NO.   | INTERNATIONAL FILING DATE                     | PRIORITY DATE CLAIMED                  |  |  |  |  |  |  |
|---|---|---|--|--|--|--|--|--|--|
| PCT   | /JP96/00578   | 8 March 1996                                  | 10 March 1995                          |  |  |  |  |  |  |
| TITLE OF INVENTION TITANIUM CATALYST AND ORGANOTITANIUM REACTING REAGENT, PRODUCTION THEREOF, AND REACTION THEREBY  |   |   |  |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Fumie SATO  |   |   |  |  |  |  |  |  |  |
| Applicant   | Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |  |  |  |  |  |  |
| 1. X This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.   |   |   |  |  |  |  |  |  |  |
| 2.  | This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.   |   |  |  |  |  |  |  |  |
| 3. X  |   |   |  |  |  |  |  |  |  |
| ,4. X   |   |   |  |  |  |  |  |  |  |
| <b>√</b> 5. 🗓   |   |   |  |  |  |  |  |  |  |
|   | a. is transmitted herewith (required only if not transmitted by the International Bureau).  |   |  |  |  |  |  |  |  |
|   | b. X has been transmitted by the International Bureau.  |   |  |  |  |  |  |  |  |
| 1.  | c. is not required, as the application was filed in the United States Receiving Office (RO/US).   |   |  |  |  |  |  |  |  |
| √6. X   | · · · · ·   | Application into English (35 U.S.C. 371(c)(2) |  |  |  |  |  |  |  |
| 7. X  |   | International Application under PCT Article   |  |  |  |  |  |  |  |
|   | a. are transmitted herewith (required only if not transmitted by the International Bureau).   |   |  |  |  |  |  |  |  |
|   | <ul> <li>b. have been transmitted by the International Bureau.</li> <li>c. have not been made; however, the time limit for making such amendments has NOT expired.</li> </ul> |   |  |  |  |  |  |  |  |
|   | •   |   | ients has NOT expired.                 |  |  |  |  |  |  |
| . —   | d. X have not been made and will not be made.   |   |  |  |  |  |  |  |  |
| \[ \begin{align*} 8.  \qq                \qua | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).   |   |  |  |  |  |  |  |  |
| V 9. <u> X </u>   | An oath or declaration of the inve  | entor(s) (35 U.S.C. 371(c)(4)).               |  |  |  |  |  |  |  |
| 10.   | A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  |   |  |  |  |  |  |  |  |
| Items 11. to 16. below concern document(s) or information included:   |   |   |  |  |  |  |  |  |  |
| 11.   | An Information Disclosure States  | ment under 37 CFR 1.97 and 1.98.              |  |  |  |  |  |  |  |
| √12. X  | An assignment document for reco   | ording. A separate cover sheet in compliance  | with 37 CFR 3.28 and 3.31 is included. |  |  |  |  |  |  |
| √13. X  | A FIRST preliminary amendmen  | <b>t.</b>                                     |  |  |  |  |  |  |  |
| · 🗆   | A SECOND or SUBSEQUENT  | oreliminary amendment.                        |  |  |  |  |  |  |  |
| 14.   | A substitute specification.   |   |  |  |  |  |  |  |  |
| 15.   | A change of power of attorney as  | nd/or address letter.                         | •                                      |  |  |  |  |  |  |
| 16. 🗓   | Other items or information:   |   |  |  |  |  |  |  |  |
| International Search Report (PCT/ISA/210) Zero (0) sheets of formal drawings  |   |   |  |  |  |  |  |  |  |

TMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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| U.S. APPLICATION NO. (if NEW  | known, see 37 CFR 1.5) |              | ERNATIONAL APPLICATION NO. PCT/JP96/00578 |               | -           | ATTORNEYS DOCK          |                    |
|---|------------------------|--------------|---|---------------|-------------|-------------------------|--------------------|
| 17 🕅 The fall   | owing fees are         | submitted:   |   |               | CAI         | LCULATIONS              | PTO USE ONLY       |
| 17. X The following fees are submitted:   |                        |              |   |               |             |                         |                    |
| BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):  Search Report has been prepared by the EPO or JPO   |                        |              |   |               |             |                         |                    |
| International preliminary examination fee paid to USPTO (37 CFR 1.482)  |                        |              |   |               |             |                         |                    |
|   |                        |              |   |               |             |                         |                    |
| No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$770.00  |                        |              |   | \$770.00      |             |                         |                    |
| Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1040.00  |                        |              |   |               |             |                         |                    |
| International preliminary examination fee paid to USPTO (37.CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)   |                        |              |   |               |             |                         |                    |
| ENTER APPROPRIATE BASIC FEE AMOUNT =  |                        |              | \$  | 910.00        |             |                         |                    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 20 months from the earliest claimed priority date (37 CFR 1.492(e)).  |                        |              |   |               | \$          |                         |                    |
| CLAIMS  | NUMBER F               | ILED         | NUMBER EXTRA                              | RATE          |             |                         |                    |
| Total claims  | 29                     | - 20 =       | 9   | X \$22.00     | \$          | 198.00                  |                    |
| Independent claims  | 7                      | - 3 =        | 4   | X \$80.00     | \$          | 320.00                  |                    |
| MULTIPLE DEP  |                        |              |   | + \$260.00    | \$          | 260.00                  |                    |
|   |                        |              | F ABOVE CALCULAT                          |               | <b>\$</b> 1 | ,688.00                 |                    |
| Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also by filed (Note 37 CFR 1.9, 1.27, 1.28).   |                        |              |   | ity Statement | \$          | ,                       |                    |
|   |                        |              | SUBT                                      | TOTAL =       | <b>s</b> 1  | ,688.00                 |                    |
| Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).  |                        |              |   | □20 □ 30<br>+ | \$          |                         |                    |
| TOTAL NATIONAL FEE =  |                        |              | AL FEE =                                  | \$ 1          | ,688.00     |                         |                    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +                                  |                        |              | \$  | 40.00         |             |                         |                    |
| TOTAL FEES ENCLOSED =   |                        |              |   |               | ,728.00     | -                       |                    |
| -<br>-  |                        |              |   |               | Am          | ount to be:<br>refunded | \$                 |
|   |                        |              |   |               |             | charged                 | S                  |
| a. X A check in the amount of \$ 1,728.00 to cover the above fees is enclosed.  |                        |              |   |               |             |                         |                    |
| . 🗖   |                        |              |   |               |             |                         |                    |
| A dupli   | cate copy of this      | sheet is enc | losed.                                    |               |             |                         | er the above fees. |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.       |                        |              |   |               |             |                         |                    |
|   |                        |              |   | ·             |             |                         | •                  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. |                        |              |   |               |             |                         |                    |
|   |                        |              | • 1                                       | ./~           | <b>7.</b> / | 0 1                     |                    |
| SEND ALL CORRESPONDENCE TO: BIRCH, STEWART, KOLASCH & BIRCH, LLP SIGNATURE:   |                        |              |   |               |             |                         |                    |
| P.O. Box /4/  |                        |              |   |               |             |                         |                    |
| (703) 20  |                        | 22040-0      | J ( T )                                   | MURF          | -пμ,        | ĴR., Gei                | cald M.            |
|   |                        |              |   | Trans         | 2           | 8,977                   |                    |
| ·   |                        |              |   | REGISTR       | ATION       | NUMBER                  |                    |
| /djm 0  | 9/08/97                |              |   |               |             |                         |                    |